

What Is Claimed Is:

1. A device for measuring fill levels, in particular liquid fill levels, having a capacitive sensor (1) and, connected to the sensor (1), a unit for analyzing a measuring signal from the sensor (1), wherein the sensor (1) has at least two base components (2, 3) including finger-shaped electrodes (20, 30) projecting therefrom; the electrodes (20, 30) are situated offset from one another; and the base components (2, 3) are fixed in position with respect to one another by at least one fixing element (4), the fixing element (4) being situated outside the overlapping area of the electrodes (20, 30).
2. The device as recited in Claim 1, wherein the sensor (1) has a meander-shaped inter-digital structure.
3. The device as recited in Claim 1 or Claim 2, wherein the electrodes (20, 30) are situated essentially in a plane.
4. The device as recited in one of the preceding claims, wherein the electrodes (20, 30) are tapered starting from the base component (2, 3).
5. The device as recited in one of the preceding claims, wherein the fixing element (4) is formed by plastic injection molding or plastic extrusion coating.
6. The device as recited in one of the preceding claims, wherein the fixing element (4) is designed as a frame, in particular a closed frame.
7. The device as recited in one of the preceding claims, wherein the base component (2, 3) including the

electrodes (20, 30) is manufactured from a pressed screen, in particular one made of a metal.

8. The device as recited in one of the preceding claims, wherein the electrodes (20, 30) have a protective coating.